

AEROSPACE BADGE

Activity 3: Go fly a kite

Make and fly your own kite. What type of wind makes your kite fly best? What can you try to make the kite fly better?

In This Section

- ➔ Sled Kite Activity from the *NASA Aeronautics Educator's Guide*

Suggestions

- ☆ The sled kite is very simple to make and fly. It is a good one for the beginner. Tips on how to fly them are included. Notice the difference using a tail makes.
- ☆ Challenge girls to decorate their kites with Girl Scout or aerospace themes. Offer small prizes for interesting designs.

Above and Beyond

- ☆ If the troop/group is interested in building other kites, download templates from the websites listed below or invite a member of a local kite flying association to come work with the troop/group and demonstrate different types of kites.
- ☆ Find out when the next local kite flying festival is in your community and go attend to learn more about kites.

Web Resources (on yellow paper)

- ☆ <http://www.grc.nasa.gov/WWW/k-12/airplane/kite1.html>
This site has links to kite history, forces in flight, and kite

parts. It also has interactive simulations that show you how wind affects the kite.

☆ http://www.aka.org.au/kites_in_the_classroom/plans.htm

There are several different types of kite designs at this site.

☆ <http://www.kites.org/zoo/Welcome.html>

This site has a ton of information about kites. There are several pages that explain things from kite history to building and flying kites.

☆ <http://home.adelphia.net/~osekcleve/>

Members of the Ohio Society for Elevation of Kites go to schools and organizations putting on kite demos and kite building classes.

☆ <http://www.geocities.com/Colosseum/4569/>

Contains information about the history of kites, different types of kites, and how to fly them.

Further Reading

☆ *The Magnificent Book of Kites: Explorations in Design, Construction, Enjoyment & Flight* by Maxwell Eden, May 2000

☆ *Easy-To-Make Decorative Kites: Step-By-Step Instructions for 9 Models from Around the World* by Alan Bridgewater, Gill Bridgewater

☆ *25 Kites That Fly* by Leslie L. Hunt